

**Development of Mobile-Based Learning Management
System in UUM**

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Universiti Utara Malaysia

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**Development of Mobile-Based Learning Management
System in UUM**

**A Thesis Submitted to the College of Arts and Sciences in
Fulfillment of the requirements for the degree of Master of Science
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**By
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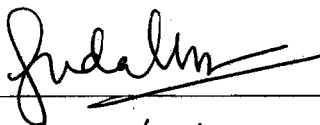
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ABSTRACT

Mobile technology has incorporated the use of Internet in mobile phones. The convergence of mobile communications and hand-held computers offer the opportunity to develop technology that will assist individuals and groups to learn at anytime and from anywhere (Horng et al, 2007). Wireless Application Protocol (WAP) has combined two of the widest utilised technology today: mobile phones and Internet (Chong, et. a.,2008). This research proposes to improve the 'Learn Care' site in UUM by developing a Mobile-based Learning Management System to enable the lecturers and the students to access the 'Learn Care' site at anytime and from anywhere, using their mobile phones. Most of the lecturers and students already have mobile phones. This can therefore reduce the effort, time and cost and facilitate the interaction between lecturers and students, more easily and effectively, and subsequently lead to the obtaining of better results in education.

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Thank you

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CHAPTER 1

STATEMENT OF OBJECTIVE

1.0 Introduction

Electronic learning (e-learning) is an educational process that leverages on the opportunities of digital technologies for delivering contents, assessing learners' competencies and enhancing interaction among learners and between tutors and learners. With Internet access available almost everywhere nowadays, it provides educators the opportunities for networking with colleagues, learning about developments in any field of interest, finding new resources and establishing a sense of community among educators (Isa et. al, 2008).

One of the e-learning education systems is Learning Management System (LMS). LMSs are web-based platforms for managing various aspects of teaching and learning. Some or all of e-mail and instant messaging, discussion forums, chat, file upload and download, file sharing, role based access rights ("student," "teacher," "main teacher/owner") are integrated in closed (log-in) spaces with a single interface. Teacher functions may additionally include customising the interface (including removing elements from view and other limits on student access), statistics on student activity and more (Beck, 2005).

LMS services in UUM are provided to students and lecturers using the Learn Care system. It provides more flexibility in the campus learning environment. For instance,

The contents of
the thesis is for
internal user
only

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